

## PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

ROBERT R. BURCH  
ROBERT R. BURCH, JR.

Case No.: BUR-020

Serial No.: 09/245,625

Group Art Unit: 1614

Filed: FEBRUARY 5, 1999

Examiner: TODD WARE

B/c  
Adherer  
11/30/01

FOR: CHEMICALLY ACTIVE FIBER COMPOSITIONS AS DELIVERY SYSTEMS FOR  
CHEMOTHERAPEUTIC AGENTS, ESPECIALLY FOR SUBSTANCES USEFUL IN  
DENTAL HYGIENEHon. Asst. Comm. for Patents  
Washington, DC 20231Adjustment date: 03/20/2002 EEKUBAY1  
12/03/2001 RHARRON 00000006 180350 09245625  
01 FC:115 110.00 CR

## AMENDMENT

Please amend the claims to read as follows:

5. (twice amended) The fiber of claim 4 in which the fiber has a core of a segmented polymer; the segmented polymer has soft segments and hard segments; the hard segments are selected from the group consisting of urethane, amide, imide, and mixtures thereof; and the hard segments are linked to the soft segments by covalent bonds.

17. (once amended) The fluoride-containing fiber of claim 14 in which the fiber has:

a denier value in the range of 40 to 4,000;  
a tensile strength higher than 0.5 grams per denier; and  
a break elongation of at least 400%;

the fiber requiring a stress to elongate selected from the group consisting of 0.03 to 0.4 grams per denier to develop an elongation of 200% and 0.07 to 0.6 grams per denier to develop an